

XM320 Grenade Launcher Module (GLM)

XM320, a 40mm grenade launcher, is under development and intended to replace selected M203 series of grenade launchers on M16 rifles and M4 carbines. Interoperable, it attaches under the barrel, forward of the magazine, and also converts to a stand-alone weapon.

The integral day/night sighting system, unrestricted breech mechanism, and modern firing trigger deliver superior overmatch capabilities.

Located on the side of the launcher, the new sighting system design diminishes interference with rifle and carbine sights, reduces attaching operations to one action, and eliminates the need to re-zero after reattaching to a weapon.

Opening to the side, the unrestricted breech mechanism is capable of firing all explosive, smoke, and illuminating grenades fired by the M203, as well as a variety of newer longer rounds and some non-lethal ones.

In front of the trigger, the new pistol grip design eliminates the need to use the magazine as a hand grip. XM320 functions in double action mode with an ambidextrous safety. If the weapon misfires, the operator can pull the trigger again, compared to the M203, which requires cycling of the breech to re-cock the firing pin and pulling the trigger again.

As with all developmental weapons, the latest in lightweight material composites are used to lighten the Soldier's load and improve durability.



Performance Characteristics

- Open architecture – attaches to M16 rifles, M4 carbines, and operates as a stand-alone weapon.
- Integral day/night sighting system – diminishes interference with other weapon sights, reduces attaching to one action, and eliminates need to re-zero
- Unrestricted breech mechanism – fires wide range of explosives
- Modern trigger firing system – no need to use magazine as a grip, functions in double action mode, and provides ambidextrous safety.
- Lightweight material composites – lightens Soldiers load and improves durability.